FORM PTO 1390 U.S. DEPARTMENT	OF COMMEDCE BATELT AND TRADEMARY OFFICE	ATTORNEY'S DOCKET NUMBER					
(REV 10-2003)	OF COMMERCE PATENT AND TRADEMARK OFFICE	58719(71699)					
TRANSMITTAL LETTER TO THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US)		U.S. PRISCATION NO. (If known, see 17 CFR 1.5)					
CONCERNING A FILING	10/509694						
INTERNATIONAL APPLICATION NO. PCT/US03/09939	INTERNATIONAL FILING DATE 29 March 2003	PRIORITY DATE CLAIMED 29 March 2002					
TITLE OF INVENTION INTRAVENT							
APPLICANT(S) FOR DO/EO/US Dan	iel F Hanley et al						
Daniel F. Hanley et al.							
Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:							
1. X This is a FIRST submission of items concerning a filing under 35 U.S.C. 371.							
This is a SECOND or SUBSEQUENT submission of items concerning a filing 35 U.S.C. 371.							
This is an express request to begin national examination procedures (35 U.S.C. 371 (f)). The submission must include items (5), (6), (9) and (21) indicated below.							
4. X The US has been elected (Article 31).							
5. x A copy of the International Application as filed (35 U.S.C. 371 (c)(2))							
a. is attached hereto (required only if not communicated by the International Bureau).							
 	b. has been communicated by the International Bureau.						
c. x is not required, as the application	c. x is not required, as the application was filed in the United States Receiving Office (RO/US).						
6. An English language translation	6. An English language translation of the International Application as filed (35 U.S.C. 371 (c)(2)).						
a. is attached hereto.	a. is attached hereto.						
b. has been previously submitte	ed under 35 U.S.C. 154(d)(4).						
7. x Amendments to the claims of the	7. x Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371 (c)(3))						
a. are attached hereto (required	only if not communicated by the Interna	tional Bureau).					
b. have been communicated by the International Bureau.							
c. have not been made; however	c. have not been made; however, the time limit for making such amendments has NOT expired.						
d. x have not been made and will	d. x have not been made and will not be made.						
8. An English language translation	An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371 (c)(3)).						
9. An oath or declaration of the inv	An oath or declaration of the inventor(s) (35 U.S.C. 371 (c)(4)).						
10. An English language translation Article 36 (35 U.S.C. 371 (c)(5))	of the annexes to the International Prelim	ninary Examination Report under PCT					
Items 11 to 20 below concern document	· · · · · · · · · · · · · · · · · · ·						
	ment under 37 CFR 1.97 and 1.98.						
12. An assignment document for rec	ording. A separate cover sheet in complia	ance with 37 CFR 3.28 and 3.31 is included.					
13. X A preliminary amendment.							
14. x An Application Data Sheet unde	r 37 CFR 1.76.						
15. A substitute specification.							
16. A power of attorney and/or chan	ge of address letter.						
17. A computer-readable form of the	A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 37 CFR 1.821 - 1.825.						
18. A second copy of the published i	A second copy of the published international application under 35 U.S.C. 154(d)(4).						
19. A second copy of the English lar	A second copy of the English language translation of the international application under 35 U.S.C. 154(d)(4).						
20. X Other items or information: Ret	urn Receipt Postcard; Copy of Published	PCT Application No. WO 03/082325 A1.					
	, , , , , , , , , , , , , , , , , , , ,						

DT09 Rec'd PCT/PTO 2 9 SEP 2004

U.S. APPLICATION NO! (if known	international application no. PCT/US03/09939		ATTORNEY'S DOCKET NUMBER				
-0//	37074	PCT/US03/09939		58719(71699)			
21. x The following	CALCULATIONS	CALCULATIONS PTO USE ONLY					
BASIC NATIONAL FEE (37 CFR 1.492 (a) (1) – (5)): Neither international preliminary examination fee (37 CFR 1.482) nor international search fee (37 CFR 1.445(a)(2)) paid to USPTO and International Search Report not prepared by the EPO or JPO \$1080.00							
International prelimi USPTO but Internati							
International prelimi							
International prelimi							
but all claims did no International prelimi							
and all claims satisfied provisions of PCT Article 33(1)-(4)				\$ 770.00			
ENTER APPROPRIATE BASIC FEE AMOUNT = Surcharge of \$130.00 for furnishing the oath or declaration later than 30 months				3 770.00	1		
from the earliest claimed				\$			
CLAIMS	NUMBER FILED	NUMBER EXTRA	RATE				
Total claims	20-20 =		х	\$ 0.00			
Independent claims	3-3 =		х	\$ 0.00			
MULTIPLE DEPENDE			+	\$	_		
TOTAL OF ABOVE CALCULATIONS = Applicant claims small entity status. See 37 CFR 1.27. The fees indicated above				\$ 770.00			
are reduced by ½.	man entity status. See	37 CFR 1.27. The fees	indicated above	\$ 385.00			
		S	UBTOTAL =	\$ 385.00			
Processing fee of \$130.0 from the earliest claimed	\$						
		TOTAL NATIO	ONAL FEE =	\$ 385.00			
Fee for recording the enclosed assignment (37 CFR 1.21 (h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per property							
TOTAL FEES ENCLOSED =				\$ 385.00			
				Amount to be refunded:	s		
				charged:	\$		
a. A check in the	amount of \$	to co	ver the above fees	s is enclosed.	•		
	my Deposit Account N		in the amount	t of \$385.00			
to cover the above fees. A duplicate copy of this sheet is enclosed.							
c. x The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. 04-1105 . A duplicate copy of this sheet is enclosed.							
d. Fees are to be charged to a credit card. WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.							
NOTE: Where an appropriate time limit under 37 CFR 1.495 has not been met, a petition to revive (37 CFR 1.137 (a) or (b)) must be filed and granted to restore the application to pending status.							
SEND ALL CORRESPONDE		9	VM				
Peter F. Corless		9	GNATURE:				
EDWARDS & ANGELL, LLP				Peter F. Corless			
P.O. Box 55874	- 00005	N	AME				
Boston, Massachuse (617) 439-4444	ns 02205			33,860			
CUSTOMER NUMBER: 21874 REGISTRATION NUMBER				· · · · · · · · · · · · · · · · · · ·			
<u> </u>							

Application No. (if known): Not Yet Assigned

Attorney Docket No.: 58719(71699)

Certificate of Express Mailing Under 37 CFR 1.10

I hereby certify that this correspondence is being deposited with the United States Postal Service as Express Mail, Airbill No. EV517914350US in an envelope addressed to:

MS PCT Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

on September 29, 2004

Date

susan M Oillon	
Signature	
Susan Dillon	
Typed or printed name of person signing Certificate	

Note: Each paper must have its own certificate of mailing, or this certificate must identify each submitted paper.

Transmittal Letter to the United States Designated-Elected Office